

Fig. 2

Multicast group	Foreign subnetwork	Direct forwarding packet arrival time period		
Α	SN(1)	2sec		
Α	SN(2)	1		
A ²	SN(3)	4		
Α	SN(4)	3		
В	SN(1)	1		
В	SN(2)	2		
В	₂ SN(5)	3		
В	SN(6)	3		
A the state of the state of		for a contact of the contact of		
G	SN(m)	2		
G	SN(n)	. 1:.		
G	SN(k)	4		
G	SN(j)	99		
	~			

Fig. 3

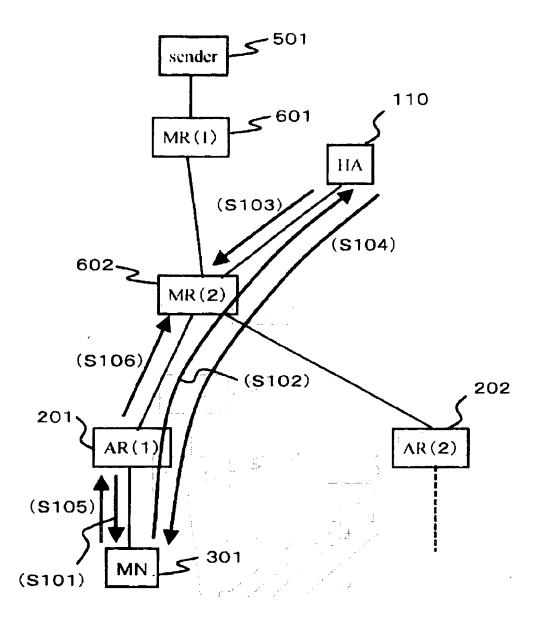


Fig. 4

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ָּרָ רָּבְּיִרָּ בּרָבְיִירָ	ר ק ר		֡֝֞֝֜֝֞֜֝֜֝֞֜֜֜֝֜֜֜֝֜֝֜֜֜֝֡֓֓֓֓֡֡֝֡֡֝֡֡֡֡֝֡֡	נ ר	֡֝֝֝֝֞֝֝֝֡֝֝֞֝֓֓֓֓֞֝֝֡֝֓֓֓֞֝֞֜֜֞֝֡֡֝֡֡֝֡֡֡֝	֓֞֝֝֞֝֞֝֞֝֝֞֝֞֝֞֝֞֝֞֝֞֝֞֞֝֞֡֝֡֡֡֡֝	ָ ר	L ;	[-√+] [1
Multicast group (2)	Multicast lifetime	-	71	0		į.	0	=======================================	1,2
cast gi	Leave	l	0	0	1	ı	0	٥	
Multic	Address	1	MCA(C)	MCA(C)	ı	,	MCA(D)	MCA(E)	7 2
(1) dr	Multicast lifetime	10	0	m	i	~	6	01	
Multicast group (1)	Leave flag	Û	0	0	ı	0	0	0	-
	Address	MCA(G)	MCA(A)	MCA(A)	ł.	MCA(B)	MCA(B)	MCA(C)	
Multicast compatible flag			-			-	0	-	
	Lifetime	520	220	316	<u> </u>	320	400	405	
ď	\$	CoA(1)	CoA(a)	CoA(c)	l	CoA(e)	CoA(f)	CoA(B)	~ .
4	ď Č	HoA(1)	HoA(B)	HoA(b)	HoA(d)	HoA(e)	IIoA(f)	HoA(E)	

Fig. 5

	T	1	_	┰			_	T T	, ∤}
HoA	HoA(m), HoA(n)	HoA(m), HoA(k)	HoA(I)		HoA(1)	HoA(u), HoA(v), HoA(w)	HoA(x)	HoA(y)	
Number of HoAs	2	2		₹ ≿		3		1	ન મ
Number						© i, ⊩			
SS			u urum	-7 }-		23 23 			
Multicast group address	MCA(A)	MCA(B)	MCA(C)		MCA(G)	MCA(H)	MCA(I)	MCA(I)	
				لر ډ	:		:		ل ہے

Fig. 6

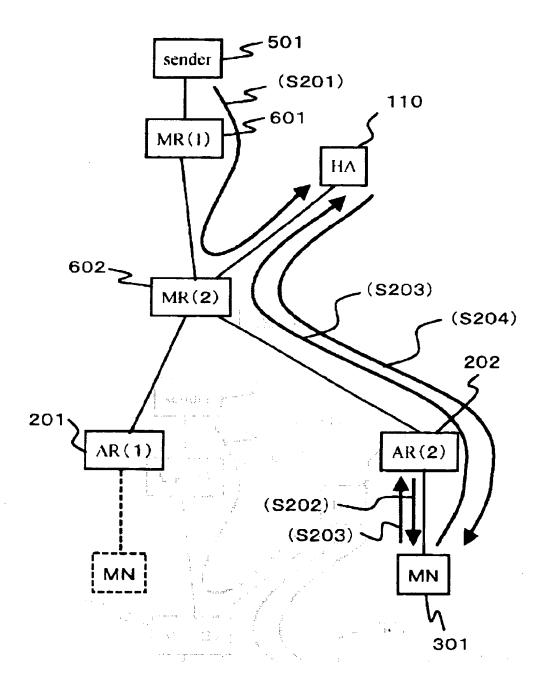


Fig. 7

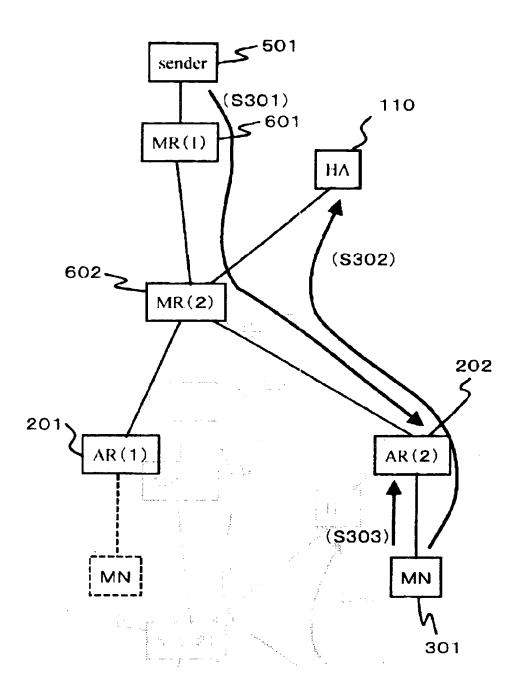
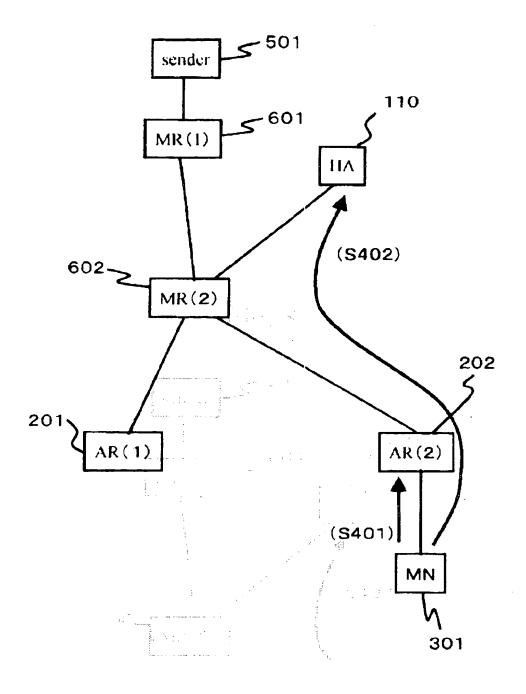


Fig. 8



133

External packet output

110

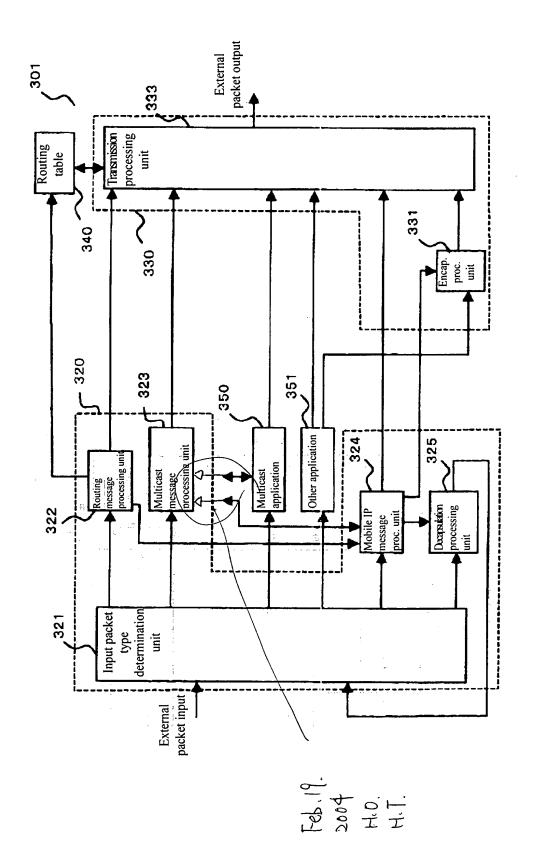


Fig. 11

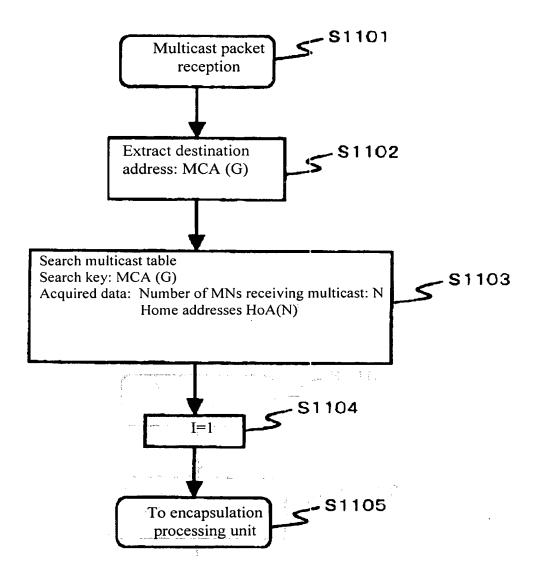
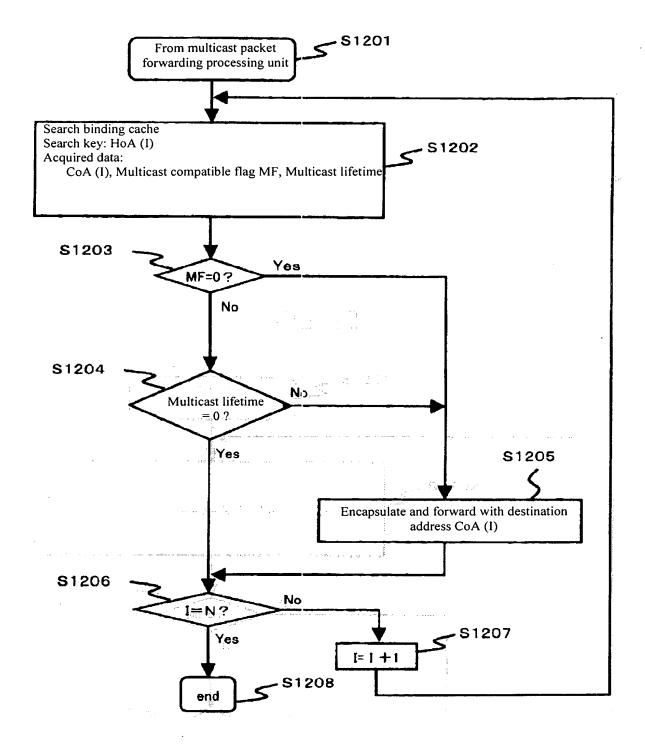


Fig. 12



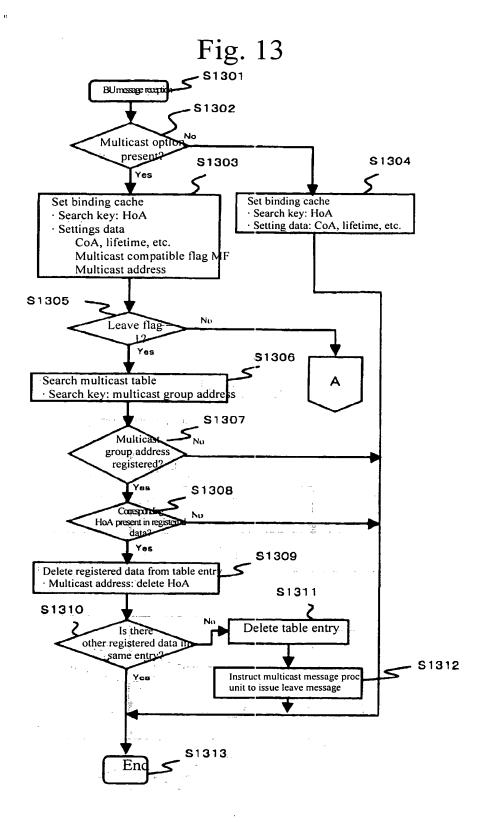


Fig. 14

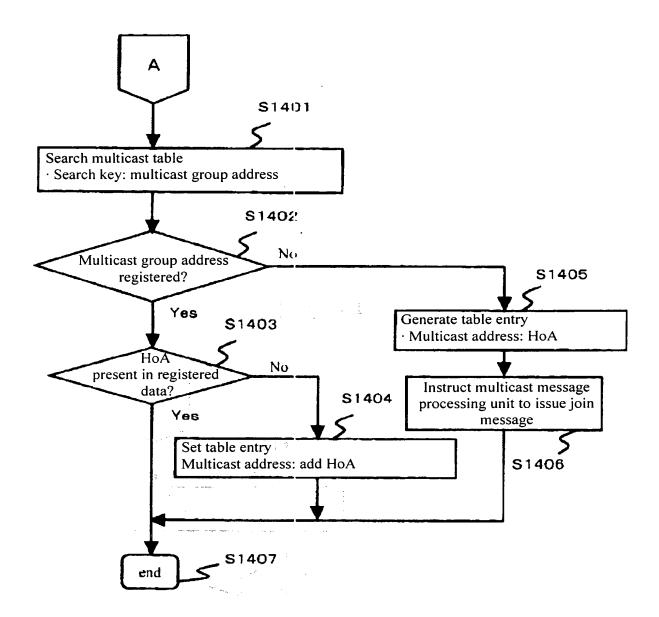
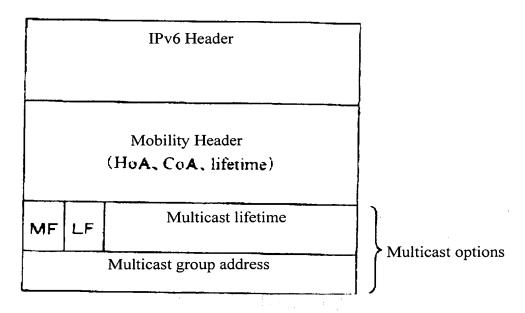


Fig. 15

Fig. 16

Multicast Leave flag Multicast lifetime address	O 01	6D 0 0	3 0 G1		is 6	69 0 -	10 0 G1	
Multicast compatible flag	ho se ana sea a	- Constitution (Constitution (·		en de la composition della com	0	on datus, van onderstelde	
Lifetime	\$20	220	315		320	400	405	
CoA	CoAI-I	Co A 2-1	Co A 3-1	in the second se	CoA5-1	Co&6-Į	Co A 7=1	
Home address	HoAl	H0 A2	НоАЗ	HoA4	HoAS	НоАб	HoA7	

Fig. 17



MF: Multicast compatible flag

LF: Leave flag

Fig. 18

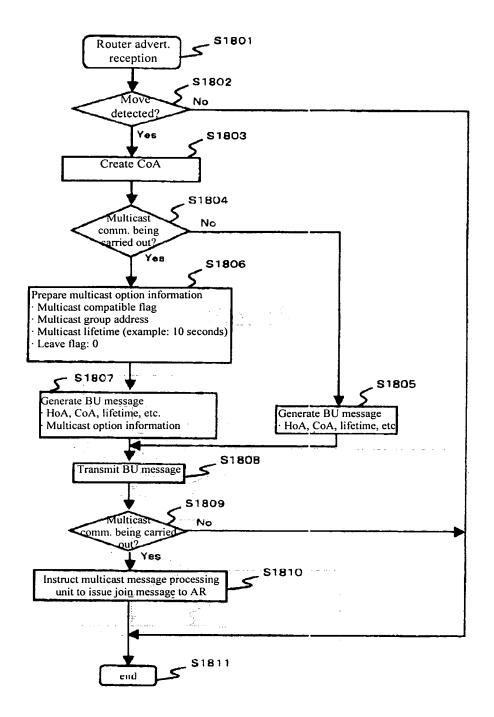


Fig. 19

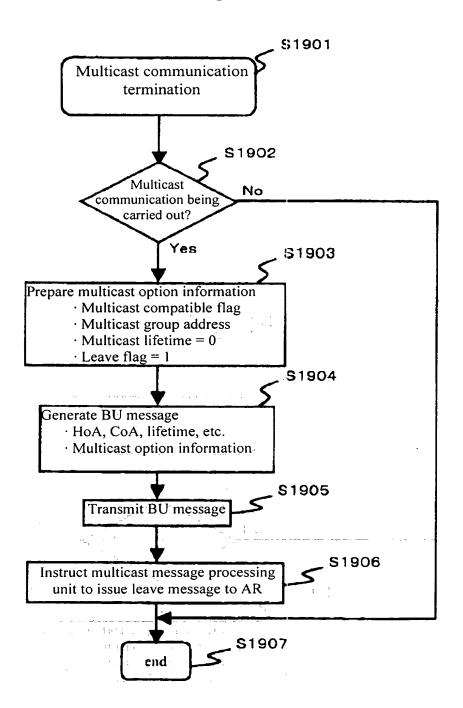


Fig. 20

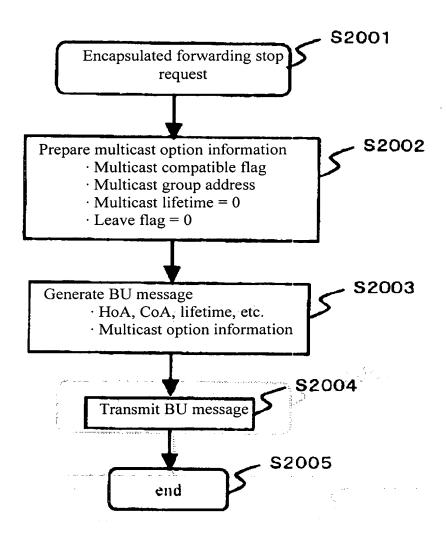


Fig. 21

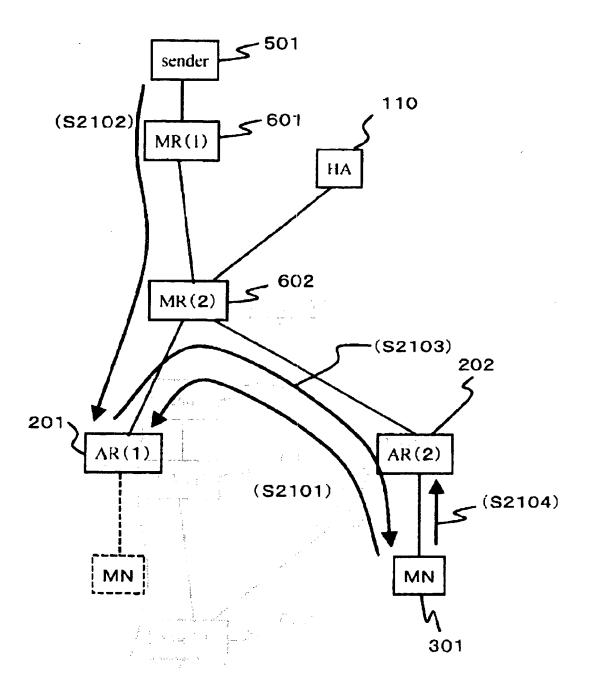


Fig. 22

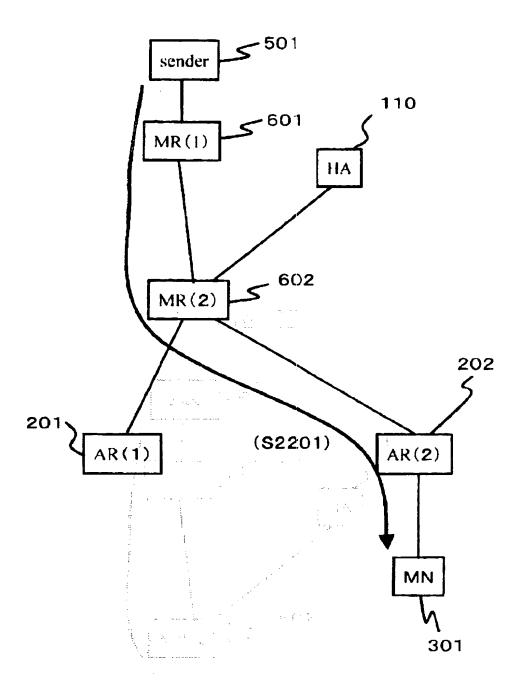


Fig. 23

Fig. 24

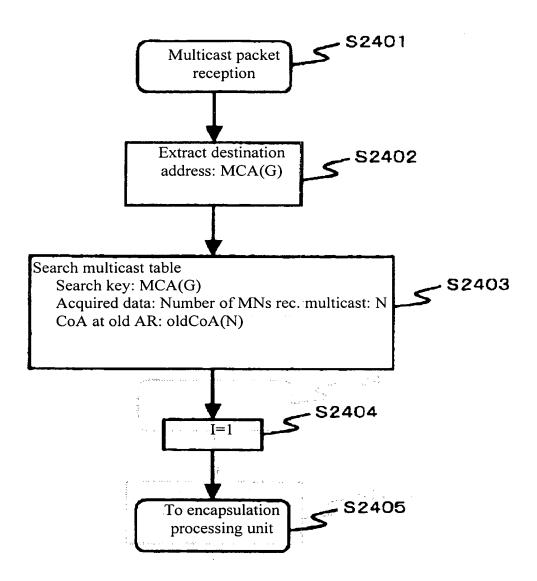
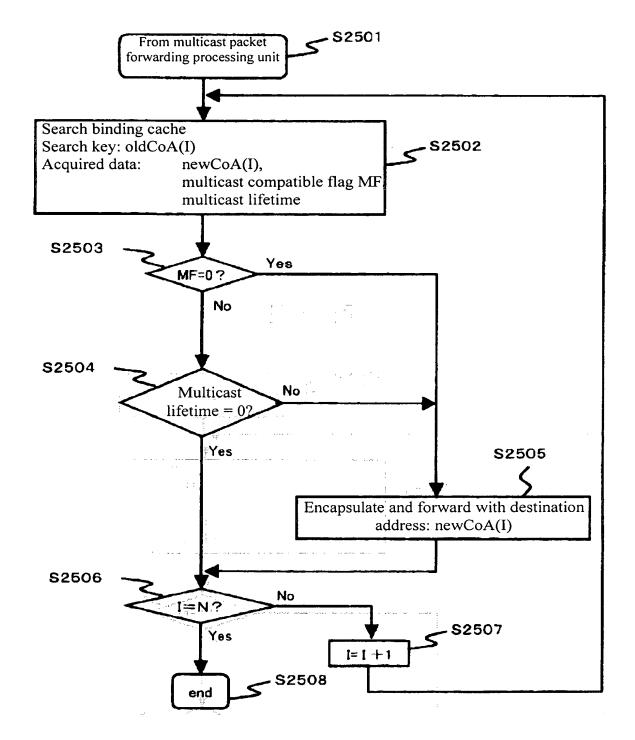


Fig. 25



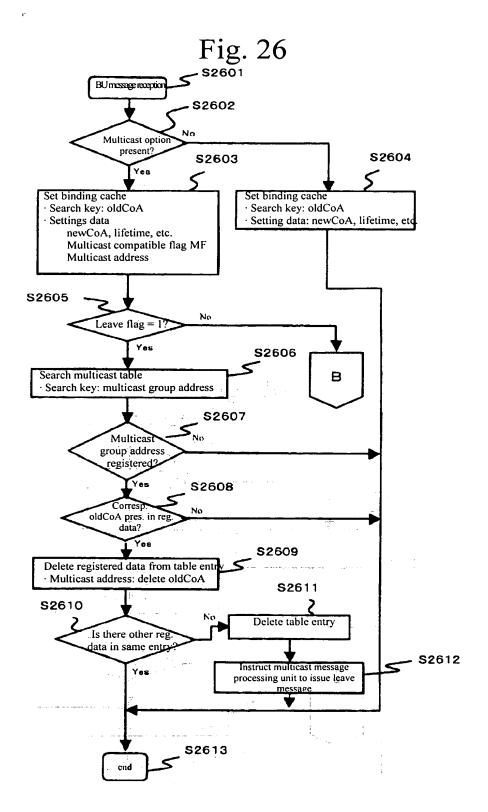
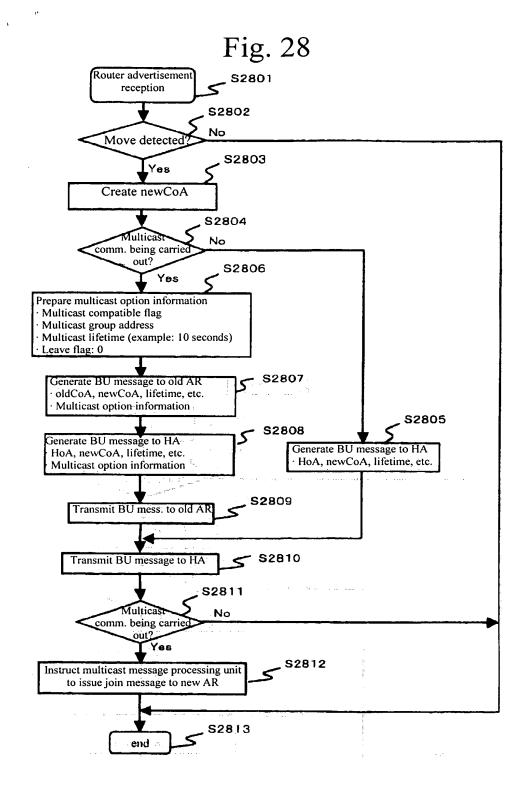


Fig. 27 В S2701 Search multicast table Search key: multicast group address S2702 No Multicast group address registered? S2705 Yes Generate table entry S2703 Multicast address: oldCoA oldCoA present in registered data? No Instruct multicast message S2704 processing unit to issue join message Yes Set table entry Multicast address: add oldCoA S2706 S2707



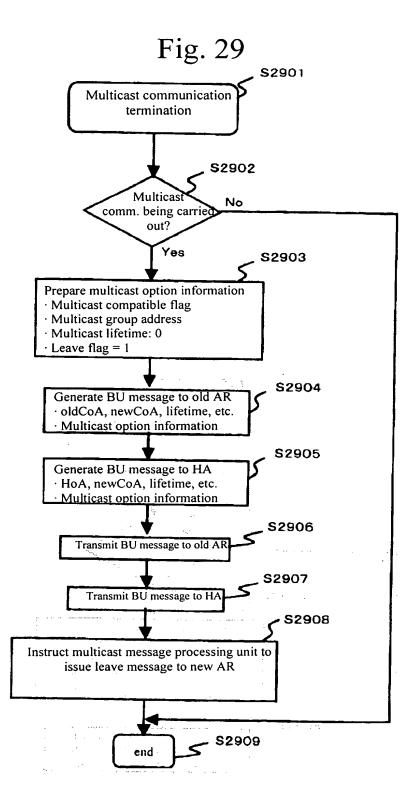


Fig. 30

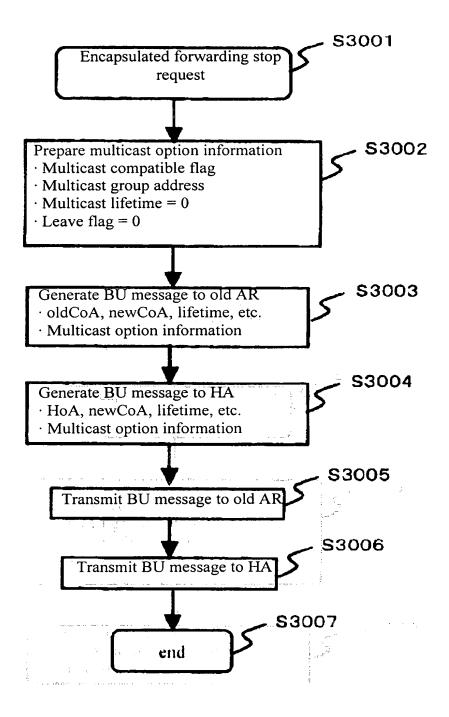


Fig. 31

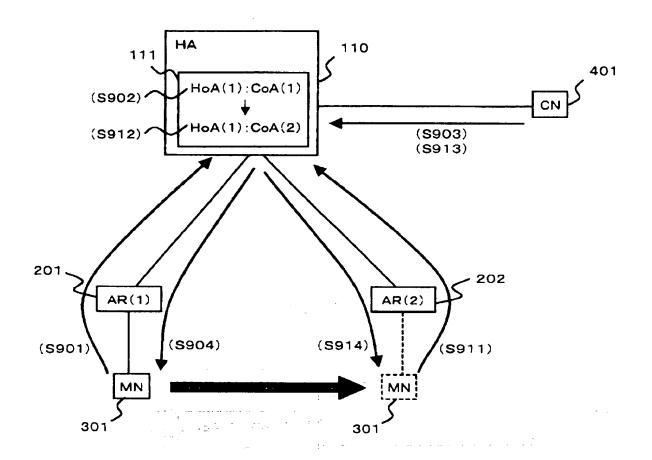


Fig. 32

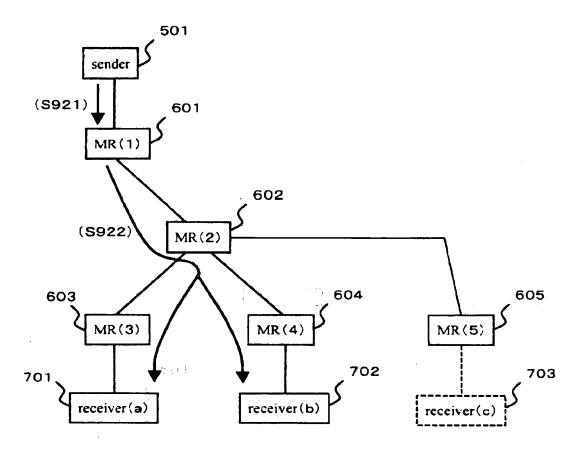


Fig. 33

